

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004314

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04R17/00 H04R7/04 H01L41/09

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04R H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, IBM-TDB, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 386 026 A (1 LTD) 3 September 2003 (2003-09-03) page 7, line 10 - page 9, line 6 claim 1; figures 3A,3B,5A,5B	1,10-33
A		2-9
A	WO 03/001841 A (LONGBOTTOM SIMON ANDREW ; SHEPHERD MARK RICHARD (GB); 1 LTD (GB); MCKE) 3 January 2003 (2003-01-03) cited in the application page 12, line 14 - page 13, line 12 page 15, line 16 - page 16, line 30 figures 1B,3,5A,9A,9B,10B ----- -/--	1-33

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

22 December 2004

Date of mailing of the international search report

03/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl
Fax: (+31-70) 340-3016

Authorized officer

Meiser, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004314

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2003/095678 A1 (LENEL URSULA RUTH ET AL) 22 May 2003 (2003-05-22)</p> <p>page 1, left-hand column, paragraph 4 -</p> <p>page 1, right-hand column, paragraph 2</p> <p>page 4, left-hand column, paragraph 3 -</p> <p>page 5, left-hand column, paragraph 3</p> <p>page 11, right-hand column, last paragraph</p> <p>- page 12, right-hand column, last paragraph</p> <p>figures 1-3, 21-25, 61, 62</p> <p>-----</p>	1-33

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004314

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2386026	A	03-09-2003	NONE	
WO 03001841	A	03-01-2003	EP 1397937 A2	17-03-2004
			WO 03001841 A2	03-01-2003
			JP 2004531173 T	07-10-2004
			US 2004202338 A1	14-10-2004
US 2003095678	A1	22-05-2003	AU 2016501 A	03-07-2001
			AU 2016801 A	03-07-2001
			CN 1434985 T	06-08-2003
			EP 1240676 A2	18-09-2002
			WO 0147041 A2	28-06-2001
			WO 0147318 A2	28-06-2001
			GB 2364169 A ,B	16-01-2002
			GB 2376834 A ,B	24-12-2002
			JP 2003518752 T	10-06-2003
			US 2004017129 A1	29-01-2004